

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

In The Claims:

1-15 (Cancelled) —

16. (New) A method of assigning transmission channels in a telecommunications network having a plurality of base stations and a plurality of mobile stations, the transmission channels being provided for transmitting signals between the plurality of base stations and the plurality of mobile stations, the method comprising:

assigning at least one of the transmission channels for transmitting signals between one of the base stations and one of the mobile stations as a function of a channel measurement in an uncoordinated operation of the base stations;

wherein a transmission power on all possible ones of the transmission channels is measured, if a previously measured transmission power on the at least one assigned transmission channel is minimal.

17. (New) The method according to claim 16, further comprising use of codes to spread at least one transmission resource into a plurality of the transmission channels, wherein the channel measurement includes a code measurement, in which a received signal for each transmission resource is despread using allowed ones of the codes to measure the transmission power in each of the transmission channels.

18. (New) The method according to claim 17, wherein the codes are provided for spreading at least one of a time slot and a frequency band.

19. (New) The method according to claim 16, wherein the channel measurement is performed while a connection is being established.

20. (New) The method according to claim 16, wherein the channel measurement is performed during an existing connection between one of the base stations and one of the mobile stations, and wherein a connection quality of the existing connection is measured in parallel, and, if the connection quality falls below a preselected value, a channel change is performed and at least one new transmission channel is assigned as a function of a channel measurement of the existing connection.
21. (New) The method according to claim 16, wherein a channel measurement for an assignment of at least one transmission channel in an uplink transmission direction from one of the mobile stations to one of the base stations is performed by a corresponding one of the base stations, and a channel measurement for an assignment of at least one transmission channel in a downlink transmission direction from one of the base stations to one of the mobile stations is performed by a corresponding one of the mobile stations.
22. (New) The method according to claim 16, wherein the step of assigning at least one of the transmission channels includes assigning at least one of the transmission channels in at least an uplink transmission direction from one of the mobile stations to one of the base stations, the assigning being performed by a corresponding one of the base stations.
23. (New) The method according to claim 16, wherein the step of assigning at least one of the transmission channels includes assigning at least one of the transmission channels in at least a downlink transmission direction from one of the base stations to one of the mobile stations, the assigning being performed by a corresponding one of the mobile stations.
24. (New) The method according to claim 16, wherein at least one of the base stations transmits specific information via a broadcast channel to all of the mobile stations within a reception range of the at least one of the base stations, and the broadcast channel is changed if an interference detected on the broadcast channel exceeds a preselected value.
25. (New) The method according to claim 24, wherein at least one of the transmission channels is reserved for use as the broadcast channel.

26. (New) The method according to claim 16, wherein the following steps are performed if a transmission capacity of the transmission channels established for assignment is not sufficient:

(A) scrambling at least one of the transmission channels with a new scrambling code; and

(B) assigning the at least one scrambled transmission channel for transmitting signals between one of the base stations and one of the mobile stations as a function of a channel measurement, wherein a transmission power on all possible ones of the transmission channels is measured after scrambling the at least one transmission channel, if a transmission power measured on the at least one transmission channel is minimal.

27. (New) A user station of a telecommunications network having a plurality of base stations and a plurality of mobile stations, transmission channels being provided for transmitting signals between the plurality of base stations and the plurality of mobile stations, comprising:

a channel measurement arrangement for performing a channel measurement by measuring a transmission power of a signal received by the user station on all possible ones of the transmission channels in an uncoordinated operation of the base stations; and

a channel assignment arrangement for assigning at least one of the transmission channels for transmitting signals between the user station and an additional user station as a function of the channel measurement, if a previously measured transmission power of the at least one assigned transmission channel is minimal.

28. (New) The user station according to claim 27, wherein the user station includes one of a base station and a mobile station.

29. (New) The user station according to claim 27, further comprising:

a code measurement arrangement, wherein codes are provided for spreading at least one transmission resource into multiple ones of the transmission channels for transmitting signals between the base stations and the mobile stations, the code measurement arrangement despreads a signal received by the user station for each of the at least one transmission resource, the code measurement arrangement despreads the signal using allowed ones of codes to measure the transmission power in each of the transmission channels.

30. (New) The user station according to claim 27, wherein the channel measurement arrangement performs the channel measurement while a connection is being established.